

SEQUENCE LISTING

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GUPTA, ABHAS

<120> DETECTING PROTEIN SIMILARITY

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<151> 2003-11-23

<160> 11

<170> PatentIn Ver. 3.3

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<212> PRT
<213> Homo sapiens

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Cys Lys Cys Trp His Gly Gln Leu Arg Cys Phe Pro Gln Ala Phe Leu
20 25 30
Pro Gly Cys
35

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Ile Asn Thr Phe Ile His Gly Asn Lys Arg Ser Ile Lys Ala Ile Cys
20 25 30
Glu Asn Lys Asn Gly Asn Pro His Arg Glu Asn Leu Arg Ile Ser Lys
35 40 45
Ser Ser Phe Gln Val Thr Thr Cys Lys Leu His Gly Gly Ser Pro Trp
50 55 60
Pro Pro Cys Gin Tyr Arg Ala Thr Ala Gly Phe Arg Asn Val Val Val
65 70 75 80

Ala Cys

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 <213> Homo sapiens

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Asn Gln Asn Thr Phe Leu Arg Thr Thr Phe Ala Asn Val Val Asn Val
 20 25 30

Cys Gly Asn Gln Ser Ile Arg Cys Pro His Asn Arg Thr Leu Asn Asn
 35 40 45

Cys His Arg Ser Arg Phe Arg Val Pro Leu Leu His Cys Asp Leu Ile
 50 55 60

Asn Pro Gly Ala Gln Asn Ile Ser Asn Cys Arg Tyr Ala Asp Arg Pro
 65 70 75 80

Gly Arg Arg Phe Tyr Val Val Ala Cys
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Pro Val Asn Thr Phe Val His Glu Ser Leu Ala Asp Val Gln Ala Val
 20 25 30

Cys Ser Gln Lys Asn Val Ala Cys Lys Asn Gly Gln Thr Asn Cys Tyr
 35 40 45

Gin Ser Tyr Ser Thr Met Ser Ile Thr Asp Cys Arg Glu Thr Gly Ser
 50 55 60

Ser Lys Tyr Pro
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 Cys Asp Ser Ala Met Arg Asp Ile Asn Lys His Thr Lys Arg Cys Lys
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 Asp Leu Asn Thr Phe Leu His Lys Pro Phe Ser Ser Val Ala Ala Thr
 20 25 30
 Cys Gin Thr Pro Asn Ile Thr Cys Lys Asn Gly His Lys Asn Cys His
 35 40 45
 Gln Ser His Arg Pro Val Ser Leu Thr Met Cys Gly Leu Thr Ser Gly
 50 55 60
 Lys Tyr Pro Asn Cys Arg Tyr Lys Glu Glu His Gln Asn Lys Ser Tyr
 65 70 75 80
 Val Val Ala Cys

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 Lys Ser Phe Asn Thr Phe Val His Thr Asp Pro Arg Asn Leu Asn Thr
 20 25 30
 Leu Cys Ile Asn Gln Pro Asp Gln Ala Leu Arg Thr Thr Arg Arg His
 35 40 45
 Phe Arg Ile Thr Asp Cys Lys Leu Ile Arg Ser His Pro Thr Cys Arg
 50 55 60
 Tyr Ser Gly Asn Gln Phe Asn Arg Arg Val Arg Val Gly Cys
 65 70 75

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 Asp Leu Asn Thr Phe Leu His Thr Thr Phe Ala Asp Ala Val Arg Val
 20 25 30
 Cys His Asn Pro Arg Lys Thr Cys Lys Asp Gly Thr Ser Pro Asn Cys
 35 40 45

His Asp Ser Ser Ser Lys Val Ser Val Thr Ile Cys Lys Leu Thr Lys
 50 55 60

Arg Ala Arg Asn Tyr Ser Gin Cys Arg Tyr Lys Thr Thr Gly Ala Glu
 65 70 75 80

Lys Ser Tyr Thr Val Ala Cys
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 Cys Asn Val Glu Met Gln Arg Ile Asn Arg Phe Arg Arg Thr Cys Lys
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Gly Leu Asn Thr Phe Leu His Thr Ser Phe Ala Asn Ala Val Gly Val
 20 25 30

Cys Gly Asn Pro Ser Gly Leu Tyr Asn Asp Asn Ile Ser Arg Asn Cys
 35 40 45

His Asn Ser Ser Ser Arg Val Arg Thr Thr Val Cys Asn Ile Thr Ser
 50 55 60

Arg Arg Arg Thr Pro Tyr Thr Gln Cys Arg Tyr Gln Pro Arg Arg Ser
 65 70 75 80

Leu Glu Tyr Tyr Thr Val Ala Cys
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<400> 9
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Asn Ile Asn Thr Phe Leu Asn Thr Ser Phe Ala Ala Val Val Ser Val
 20 25 30

Cys Gly Asn Lys Asn Thr Thr Cys Arg Asn Gly His Thr Asn Cys His
 35 40 45

Asn Ser Ser Ala Pro Val Ser Leu Thr Tyr Cys Asn Leu Thr Thr Trp
 50 55 60

Ser Ser Asn Tyr Thr Gin Cys Arg Tyr Gln Thr Thr Pro Ala Thr Lys
 65 70 75 80

Phe Tyr Arg Ile Ala Cys
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Asn Arg Asn Thr Phe Leu Leu Ala Thr Phe Ala Asn Val Val Asn Val
20 25 30

Cys Gly Asn Pro Thr Ile Thr Cys Pro His Asn Arg Thr Leu Asn Asn
35 40 45

Cys His His Ser Gly Val Gln Val Pro Leu Met Tyr Cys Asn Leu Thr
50 55 60

Thr Pro Ser Pro Gln Asn Ile Ser Asn Cys Arg Tyr Ala Gln Thr Pro
65 70 75 80

Ala Asn Met Phe Tyr Ile Val Ala Cys
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<212> PRT
<213> Homo sapiens

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Pro Val Asn Thr Phe Val His Glu Ser Leu Ala Asp Val Lys Ala Val
20 25 30

Cys Ser Gln Lys Lys Val Thr Cys Lys Asn Gly Gln Thr Asn Arg Tyr
35 40 45

Gln Ser Lys Ser Thr Met Arg Ile Thr Asp Cys Arg Glu Thr Gly Ser
50 55 60

Ser Lys Tyr Pro Asn Cys Ala Tyr Lys Thr Thr Gln Val Glu Lys Arg
65 70 75 80

Ile Ile Val Ala Cys
85